



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nesbitt W. Hagood, IV et al. Art Unit : 2834
Serial No. : 09/584,881 Examiner : Dougherty, T.
Filed : June 1, 2000
Title : ELECTRICAL POWER EXTRACTION FROM MECHANICAL
DISTURBANCES

15/ Amdt B/NE
v. Ben
3/7/03

Commissioner for Patents
Washington, D.C. 20231

RECEIVED
MAR -4 2003
TECHNOLOGY CENTER 2800

AMENDMENT

In the claims:

Please cancel claims 6, 10, and 18.

Please amend claims 1-3, 5, 7-9, 11, 12 and 37 as follows:

1. (Amended) A method of extracting power, comprising the steps of:
coupling a transducer that converts mechanical power to electrical power to a disturbance,
coupling an electrical circuit to the transducer, the electrical circuit being configured such that a peak voltage experienced by the transducer is greater than two times higher than any peak voltage of an open circuit transducer due to the disturbance alone,
extracting power from the transducer using the electrical circuit,
storing extracted power, and
powering the electrical circuit with power extracted from the disturbance.
2. (Amended) A method of extracting power, comprising the steps of:
coupling a transducer that converts mechanical power to electrical power to a disturbance,
coupling an electrical circuit to the transducer, the electrical circuit being configured such that a peak of the integral of the current onto and off the transducer is greater than two times higher than any peak of an integral of a current of a short circuit transducer due to the disturbance alone,
extracting power from the transducer using the electrical circuit,
storing extracted power, and
powering the electrical circuit with power extracted from the disturbance.
3. (Amended) A method of extracting power, comprising the steps of: